SEMESTER –IV

SN	Subject Code	Subject	Type	Category	Periods			Sessional Component		Sessional (SW) (TS/PS)	End Semester Examination (ESE)	Total SW+ESE	Credit Cr
					L	T	P	CT	TA	CT+TA	TE/PE		
1	BAS403 / BOE4**	BSC(Maths-III/Math IV/ Math V)/Science Based Open Elective	T	BS/ES	3	1	0	20	10	30	70	100	4
2	BAS401 / BVE401	Technical Communication / Universal Human Value and Professional Ethics	T	HS/VA	2	1	0	20	10	30	70	100	3
3	BCS401	Operating System	T	PC	3	1	0	20	10	30	70	100	4
4	BCS402	Theory of Automata and Formal Languages	T	PC	3	1	0	20	10	30	70	100	4
5	BCS403	Object Oriented Programming with Java	T	PC	2	1	0	20	10	30	70	100	3
6	BCS451	Operating System Lab	P	PC	0	0	2		50	50	50	100	1
7	BCS452	Object Oriented Programming with Java Lab	P	PC	0	0	2		50	50	50	100	1
8	BCS453	Cyber Security Workshop	P	PC	0	0	2		50	50	50	100	1
9	BCC402 / BCC401	Python Programming/Cyber Security	P	VA	2	0	0	20	10	30	70	100	2
10	BVE451 / BVE452	Sports and Yoga - II / NSS-II	P	VA	0	0	3			100		100	0
		Total			**15**	**5**	**9**						**23**
		Minor Degree/ Honors Degree MT-1/HT-1											